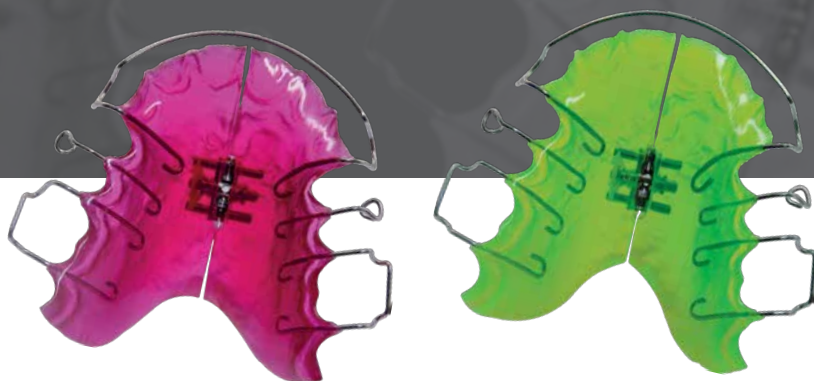


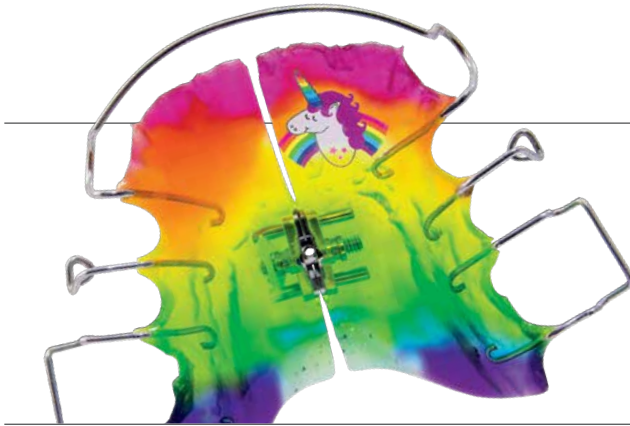
Orthodontic acrylics.

Vibrant colors – fascinating varieties.



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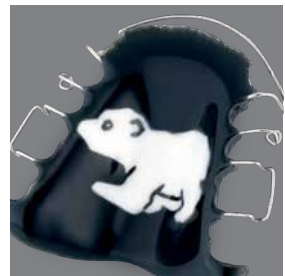
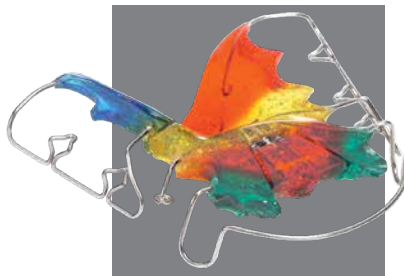




The versatile acrylic system.

Orthocryl® has been a fixture in orthodontic laboratories for more than 55 years. For generations, it has combined excellent product characteristics and easy handling.

There are no limits to your creativity, regardless of whether you choose black, white or multi-color – Orthocryl® offers maximum freedom in design with its variety of lively colors, glitter and decals. Apart from the conventional cold-curing acrylic, Orthocryl® is also available as light-curing material. Orthocryl® LC is especially designed to meet the requirements for fabricating orthodontic appliances. It is light-curing, time-saving and easy to use.



Orthocryl® LC

The light-curing acrylic.

Orthocryl®

Suited for the salt-and-pepper technique.

Orthocryl® Neon

Vivid colors.

Orthocryl® EQ

Suited for the doughing technique.

Orthocryl® black & white

High-contrast, versatile.

A wide range of field-proven accessories

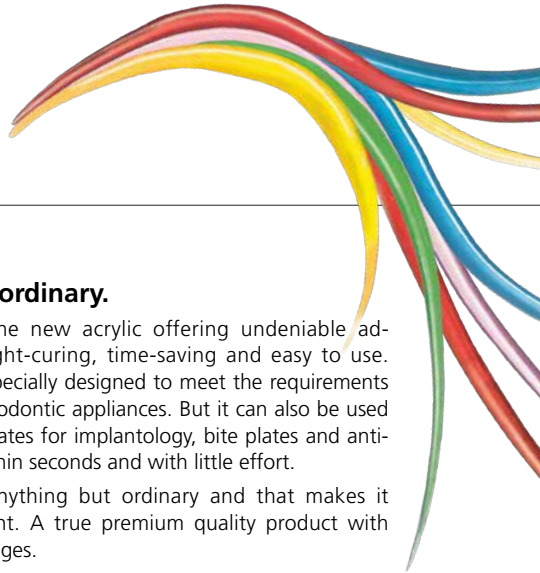
All from one source.



Orthocryl® LC



The light-curing acrylic for orthodontists.



Anything but ordinary.

Orthocryl® LC is the new acrylic offering undeniable advantages – it is light-curing, time-saving and easy to use. Orthocryl® LC is especially designed to meet the requirements for fabricating orthodontic appliances. But it can also be used to make drill templates for implantology, bite plates and anti-snoring devices within seconds and with little effort.

Orthocryl® LC is anything but ordinary and that makes it delightfully different. A true premium quality product with undeniable advantages.

Advantages:

- Extremely easy to use.
- Saves time and material.
- Optimal flowability.
- Wide range of applications.
- Completely odorless.
- Biocompatible.



Easy to use and flexible.

Orthocryl® LC is extremely easy to use. The product is delivered ready to use in black, opaque cartridges. Time-consuming preparation steps have become superfluous: the acrylic does not have to be doughed or salt-and-peppered anymore.

The material can be directly applied from the cartridge to the prepared model. The application injector helps to apply the right dosage in the right spot. The easy handling saves both a great amount of time when processing and finishing the appliance and a lot of material.

Due to its optimal flowability, Orthocryl® LC can be easily adapted to the plaster model.

Orthocryl® LC is available in six vibrant colors. Adding Disco glitter or decals from the extensive Orthocryl® program makes each appliance unique.



Orthodontic acrylics

Orthocryl® LC / Starter sets



Orthocryl® LC starter set

Light-curing acrylic.

REF 160-400-00	1 assortment
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CE 0483

Contents:

1 x Orthocryl® LC, clear	REF 160-401-00
1 x Orthocryl® LC, transparent pink	REF 160-402-00
1 x Orthocryl® LC, red	REF 160-403-00
1 x Orthocryl® LC, blue	REF 160-404-00
1 x Orthocryl® LC, yellow	REF 160-405-00
1 x Orthocryl® LC, green	REF 160-406-00
1 x Injector for Orthocryl® LC	REF 160-420-00
50 x Cartridge tips for Orthocryl® LC	REF 160-421-00



Orthocryl® LC starter set, clear

Light-curing acrylic.

REF 160-400-20	1 assortment
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CE 0483

Contents:

6 x Orthocryl® LC, clear	REF 160-401-00
1 x Injector for Orthocryl® LC	REF 160-420-00
50 x Cartridge tips for Orthocryl® LC	REF 160-421-00

Orthocryl® LC

Light-curing acrylic in opaque cartridges.

Color	REF	Quantity
clear	160-401-00	30 g
transparent pink	160-402-00	30 g
red	160-403-00	30 g
blue	160-404-00	30 g
yellow	160-405-00	30 g
green	160-406-00	30 g



CE 0483



Orthodontic acrylics

Orthocryl® LC / Accessories



Bite paste

For Orthocryl® LC.

Color	REF	Quantity
transparent	160-410-00	50 g

CE 0483



Injector

For Orthocryl® LC.

REF 160-420-00	1 piece
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Cartridge tips

For Orthocryl® LC.

REF 160-421-00	50 pieces
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Cleaning liquid

For Orthocryl® LC.

REF 160-430-00	100 ml
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Stand for cartridges

For Orthocryl® LC. Fits 6 cartridges.

Material: Plastic

Do not use disinfectants containing ethanol, phenol or alcohol.

Dimensions: ca. 170 x 110 x 110 mm (W x H x D)

Color	REF	Quantity
transparent, clear	160-422-00	1 piece



Separating medium

Special alginate-based separating agent that forms a thin, abrasive-resistant separating film.

Separates:

- plaster from acrylic
- plaster from plaster

Color	REF	Quantity
pink	162-800-00	1000 ml

Orthocryl® assortment

REF 161-912-00	1 assortment
CE 0483 Contents:	
1 kg Orthocryl® powder (polymer), clear	REF 160-112-00
500 ml Orthocryl® liquid (monomer), clear	REF 161-100-00
1000 ml Separating medium	REF 162-800-00
2 x Spray bottle	REF 162-100-00
1 x Measuring beaker	REF 162-200-00
1 x Funnel	REF 162-600-00
1 x Spray nozzle for powder (polymer)	REF 162-751-00
1 x Spray nozzle for liquid (monomer)	REF 162-752-00



Orthocryl® Small pack powder (polymer) and liquid (monomer)

Color	REF	Quantity
transparent pink	160-501-00	200 g + 100 ml
clear	160-502-00	200 g + 100 ml



CE 0483

Orthocryl® assortment “The multicolored palette”

REF 160-600-00	1 assortment
CE 0483 Contents:	
1 kg Orthocryl® powder (polymer), clear	REF 160-112-00
250 ml Orthocryl® liquid (monomer), red	REF 161-127-00
250 ml Orthocryl® liquid (monomer), green	REF 161-128-00
250 ml Orthocryl® liquid (monomer), blue	REF 161-129-00
250 ml Orthocryl® liquid (monomer), yellow	REF 161-130-00
1 x Funnel	REF 162-600-00



Orthocryl® Neon assortment Brightly colored orthodontic acrylics Liquid (monomer)

Neon-colored Orthocryl® liquid (monomer) for producing brightly colored orthodontic appliances. Cold curing acrylic resin permitting the simple and economical fabrication of orthodontic appliances. Easy processing, using both the doughing and the salt-and-pepper technique in conjunction with the clear Orthocryl® powder (polymer, REF 160-112-00/160-212-00). Disco glitter can also be used to enhance the effect of the colors.

REF 160-700-00	1 assortment
CE 0483 Contents:	
1 kg Orthocryl® powder (polymer), clear	REF 160-112-00
250 ml Orthocryl® liquid (monomer), neon yellow	REF 161-135-00
250 ml Orthocryl® liquid (monomer), neon orange	REF 161-136-00
250 ml Orthocryl® liquid (monomer), neon pink	REF 161-137-00
250 ml Orthocryl® liquid (monomer), neon green	REF 161-138-00
1 x Funnel	REF 162-600-00



NEW

Orthocryl® acrylics

Orthocryl® / Single packs



Orthocryl®

Powder (polymer)

Cold curing acrylic resin permitting the simple and economical fabrication of orthodontic appliances.

Especially suited for the salt-and-pepper technique.

Also, very suitable for the doughing technique.

Color	REF	Quantity	REF	Quantity
clear	160-112-00	1 kg	160-212-00	10 kg

CE 0483



Orthocryl® EQ

Powder (polymer)

Cold curing acrylic resin permitting the simple and economical fabrication of orthodontic appliances.

Especially suited for the doughing technique.

Also, very suitable for the salt-and-pepper technique.

Color	REF	Quantity	REF	Quantity
clear	160-300-00	1 kg	160-301-00	10 kg

CE 0483



Orthocryl® black & white

Powder (polymer), opaque

Cold curing acrylic resin permitting the simple and economical fabrication of orthodontic appliances.

Especially suited for the salt-and-pepper technique.

Also, very suitable for the doughing technique.

Color	REF	Quantity	REF	Quantity
black	160-011-00	200 g	160-013-00	1 kg
white	160-012-00	200 g	160-014-00	1 kg

CE 0483



Orthocryl® Neon

Brightly colored orthodontic acrylics

Liquid (monomer)

Neon-colored Orthocryl® liquid (monomer) for producing brightly colored orthodontic appliances. Cold curing acrylic resin permitting the simple and economical fabrication of orthodontic appliances. Easy processing, using both the doughing and the salt-and-pepper technique in conjunction with the clear Orthocryl® powder (polymer, REF 160-112-00/160-212-00). Disco glitter can also be used to enhance the effect of the colors.

Color	REF	Quantity
neon yellow	161-135-00	250 ml
neon orange	161-136-00	250 ml
neon pink	161-137-00	250 ml
neon green	161-138-00	250 ml

CE 0483

NEW

Orthocryl®

Liquid (monomer)

Cold curing acrylic resin permitting the simple and economical fabrication of orthodontic appliances.

Color	REF	Quantity	REF	Quantity	REF	Quantity
red	161-127-00	250 ml				
green	161-128-00	250 ml				
blue	161-129-00	250 ml				
yellow	161-130-00	250 ml				
turquoise	161-131-00	250 ml				
pink	161-132-00	250 ml				
emerald green	161-133-00	250 ml				
violet	161-134-00	250 ml				
clear			161-100-00	500 ml	161-150-00	1000 ml
transparent pink			161-300-00	500 ml	161-350-00	1000 ml



CE 0483

Orthocryl®

Color concentrate

For tinting clear Orthocryl® liquid (monomer, REF 161-100-00 / 161-150-00). With one dispensing pipette.

Color	Mixing ratio	REF	Quantity
red	1 : 10	161-620-00	100 ml
blue	1 : 50	161-622-00	100 ml



CE 0483

Mixing ratio:

	Liquid, clear	Color concentrate	Liquid, clear	Color concentrate
1 : 10 (red)	100 ml	10 ml	50 ml	5 ml
1 : 50 (blue)	100 ml	2 ml	50 ml	1 ml



Disco glitter



Orthocryl® Disco glitter

For coloring the removable appliances. The glitter is simply added as desired to the Orthocryl® powder (polymer) to give the appliance an attractive luster. No change in the processing of Orthocryl® is necessary. The appliances can be finished and polished without difficulty.

Mixing ratio:

0.5 : 100 (by volume glitter : powder)

Color	REF	Quantity
iris	161-605-00	50 g
red	161-606-00	50 g
blue	161-607-00	50 g
silver	161-608-00	50 g
gold	161-609-00	50 g
mother-of-pearl	161-611-00	50 g



Decals / Assortment

For placing in orthodontic appliances. For polymerizing into Orthocryl® acrylic, allowing removable orthodontic appliances to be fabricated to suit individual patient preferences.

Contents:

Assortment consists of 20 individual designs
20 pieces each = 400 pieces, plus tweezers.

REF 160-100-00	1 assortment
CE	
20 x Crocodile	REF 160-100-01
20 x Frog	REF 160-100-02
20 x Parrot	REF 160-100-04
20 x Ladybug	REF 160-100-05
20 x Dragon	REF 160-100-06
20 x Fish	REF 160-100-07
20 x Formula 1 (Indy Racecar)	REF 160-100-09
20 x Elephant	REF 160-100-10
20 x Heart	REF 160-100-11
20 x Duck	REF 160-100-12
20 x Dinosaur	REF 160-100-13
20 x Motorcycle	REF 160-100-14
20 x Snail	REF 160-100-15
20 x Teddybear	REF 160-100-16
20 x Mushrooms	REF 160-100-18
20 x Car	REF 160-100-19
20 x Raven	REF 160-100-27
20 x Devil	REF 160-100-29
20 x Soccer Player	REF 160-100-31
20 x Mouse	REF 160-100-45



Decal "Football"

Sheet with two different sizes of design

For placing in orthodontic appliances. For polymerizing into Orthocryl® acrylic, allowing removable orthodontic appliances to be fabricated to suit individual patient preferences.

Motif	REF	Quantity
Football	160-100-39	1 sheet = 20 pieces



CE

Decal "Beaver"

For placing in orthodontic appliances. For polymerizing into Orthocryl® acrylic, allowing removable orthodontic appliances to be fabricated to suit individual patient preferences.

Motif	REF	Quantity
Beaver	160-100-40	1 sheet = 20 pieces



CE

Decals "Black Edition"

For placing in orthodontic appliances. For polymerizing into Orthocryl® acrylic, allowing removable orthodontic appliances to be fabricated to suit individual patient preferences.

Motif	REF	Quantity
Black Edition	160-100-41	1 sheet = 12 designs



CE

Decals

Decals

For placing in orthodontic appliances. For polymerizing into Orthocryl® acrylic, allowing removable orthodontic appliances to be fabricated to suit individual patient preferences.



Motif	REF	Quantity
Hello Beaver	160-100-42	2 sheets = 20 pieces
Horse	160-100-43	2 sheets = 20 pieces
Pink Pony	160-100-44	2 sheets = 20 pieces
Unicorn	160-100-46	2 sheets = 20 pieces

CE

NEW

Decals

For placing in orthodontic appliances. For polymerizing into Orthocryl® acrylic, allowing removable orthodontic appliances to be fabricated to suit individual patient preferences.



Motif	REF	Quantity
Crocodile	160-100-01	20 pieces
Frog	160-100-02	20 pieces
Parrot	160-100-04	20 pieces

CE

Decals

For placing in orthodontic appliances. For polymerizing into Orthocryl® acrylic, allowing removable orthodontic appliances to be fabricated to suit individual patient preferences.

Motif	REF	Quantity
Ladybug	160-100-05	20 pieces
Dragon	160-100-06	20 pieces
Fish	160-100-07	20 pieces
Formula 1 (Indy Racecar)	160-100-09	20 pieces
Elephant	160-100-10	20 pieces
Heart	160-100-11	20 pieces
Duck	160-100-12	20 pieces
Dinosaur	160-100-13	20 pieces
Motorcycle	160-100-14	20 pieces
Snail	160-100-15	20 pieces



Decals

Decals

For placing in orthodontic appliances. For polymerizing into Orthocryl® acrylic, allowing removable orthodontic appliances to be fabricated to suit individual patient preferences.



Motif	REF	Quantity
Teddybear	160-100-16	20 pieces
Mushrooms	160-100-18	20 pieces
Car	160-100-19	20 pieces
Raven	160-100-27	20 pieces
Spider	160-100-28	20 pieces
Devil	160-100-29	20 pieces
Graffiti	160-100-30	20 pieces
Soccer Player	160-100-31	20 pieces
Mouse	160-100-45	20 pieces
Dolphin	160-100-34	20 pieces



Spray bottle

For powder (polymer) and liquid (monomer).

Capacity	REF	Quantity
100 ml	162-100-00	1 piece



Spray nozzle for Orthocryl® liquid (monomer)

Inner ø	Length	REF	Quantity
0.40 mm	10 mm	162-752-00	12 pieces



Spray nozzle for Orthocryl® powder (polymer)

REF 162-751-00	1 piece
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Mixing bowl made of silicone

Flexible, with suction base. For all mixing jobs in the practice and laboratory.

Do not use with silicone materials!

Capacity	REF	Quantity
5 ml	162-501-00	3 pieces
25 ml	162-502-00	1 piece
75 ml	162-503-00	1 piece



Spout

For Orthocryl® bottles (liquid/monomer, 250 ml, 500 ml, 1000 ml).

REF 162-750-01	1 piece
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Funnel

REF 162-600-00	1 piece
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Measuring beaker

REF 162-200-00	1 piece
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Accessories



Dispensing pipette

For Orthocryl® color concentrates.

REF 162-101-00

10 pieces



Separating medium

Special alginate-based separating agent that forms a thin, abrasive-resistant separating film.

Separates:

- plaster from acrylic
- plaster from plaster

Color	REF	Quantity
pink	162-800-00	1000 ml



Modeling wax

For acrylic work, construction bites etc.

- well adaptable
- very easy to model
- firm up to approx. 37 °C / 98.6 °F
- easy fixation of teeth

Melting point	Dimensions (L x W)	Thickness	Color	REF	Quantity
60 °C / 140 °F	175 x 80 mm	1.5 mm	pink	119-150-00	500 g

CE



Thermo wax

- heat-resistant wax for blocking-out
- for covering springs used in the Orthocryl® technique
- prevents acrylic from becoming milky in appearance

Melting point	Color	REF	Quantity
87 °C / 188.6 °F	pink	120-170-00	50 g



Sticky wax

- good adhesive effect on all materials
- ideal for the fixation of retentive or support elements, repair and soldering work

Melting point	Color	REF	Quantity
71 °C / 159.8 °F	red	122-300-00	60 g

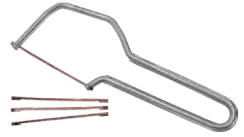
Saw

For orthodontics/prosthetics.
Small saw with replaceable blades.

Contents:

Saw incl. 3 saw blades

REF 180-702-00	1 piece
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Saw blade

For saw.

Length	REF	Quantity
70 mm	180-703-00	5 pieces



FKO-split-post fixator

acc. to Gordon

This split-post fixator is designed for precise model positioning and holding. Special conical arms allow for the removal and replacement of models.

REF 072-004-00	1 piece
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Polyclav®

Pressure vessel for polymerizing cold-curing resins such as Orthocryl®.
With safety valve.

Pressure hose not included.

Capacity: 4 l

REF 070-000-00	1 piece
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Pressure hose

For Polyclav® (REF 070-000-00).

Length: 2 m

With plug nipple to fit inlet valve and standard connection for compressed air sockets.

REF 070-700-00	1 piece
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Accessories



Heating plate

For Polyclav® (REF 070-000-00).

Power voltage	REF	Quantity
230 V~	070-900-00	1 piece
115 V~	070-901-00	1 piece

Technical data

Output	125 W
Thermostat for water temperature	43 °C / 109.4 °F
Power frequency	50/60 Hz
Weight	2.6 kg
Dimensions (W x H x D)	240 x 240 x 75 mm



Suction apparatus with charcoal filter

For protection against vapor during processing of acrylics in the laboratory.

- controlled by a photoelectric sensor (automatic switch on/off)
- includes hour meter
- easy-change filter (replace the filter cartridge, REF 072-001-30, after approx. 50 operating hours)

Power voltage	REF	Quantity
230 V~	072-001-00	1 piece
115 V~	072-002-00	1 piece

Technical data

Output	100 W
Power frequency	50 Hz
Weight	6 kg
Dimensions (W x H x D)	220 x 260 x 260 mm



Dermatril® disposable rubber gloves

For protection during work with polymethyl methacrylates such as Orthocryl®.

Made from special nitrile, free from powder and natural latex.

Layer thickness	Size	REF	Quantity
0.10 mm	S	162-907-00	100 pieces
0.10 mm	M	162-908-00	100 pieces
0.10 mm	L	162-909-00	100 pieces

CE 0121



DubliGel

Specialized duplicating material for secondary model in plaster.

- very clean duplication with all model plasters

Area of application:

- dental stone duplication

Color: pink

REF 165-501-00	5 kg
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ecosil +

Additional cross-linked two component silicone.

- good color contrast
 - green color prevents mixing errors
- extremely thin flowing consistency
 - highly accurate duplicate reproduction
- long working time
 - can be used to re-cast models many times
- medium Shore hardness A (19)
 - use also with ring-free duplicating systems



Component	Color	REF	Quantity	REF	Quantity
A (catalyst)	yellow	108-703-10	1 kg	108-705-10	5 kg
B	blue	108-704-10	1 kg	108-706-10	5 kg

Technical data	A (catalyst)	B
Mixing ratio	1 : 1	
Viscosity	2000 mPas	
Density	1160 g/l	
Working time	6–8 min	
Setting time	30 min	
Shore hardness A	18–20	
Elastic memory	99.9 %	

Tap

For 5 kg canister.

REF 108-716-00	1 piece
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Orthodontic acrylics

Appliance containers and accessories



Appliance container, mini

The mini version is especially suitable for single appliances and oral screens (e.g. the Ulmer model).

Material: Plastic (dimensionally stable and impact resistant)

Dimensions (W x H x D): 7.00 x 3.30 x 4.80 cm

Size	Color	REF	Quantity
mini	pearl blue	163-602-01	10 pieces
mini	pink	163-603-01	10 pieces
mini	yellow	163-604-01	10 pieces
mini	orange	163-605-01	10 pieces
mini	green	163-606-01	10 pieces
mini	purple	163-609-01	10 pieces



Appliance container, maxi

The maxi version is especially suitable for bimaxillary appliances (e.g. activator, bionator).

Material: Plastic (dimensionally stable and impact resistant)

Dimensions (W x H x D): 7.80 x 4.50 x 5.60 cm

Size	Color	REF	Quantity
maxi	pearl blue	163-702-01	10 pieces
maxi	pink	163-703-01	10 pieces
maxi	yellow	163-704-01	10 pieces
maxi	orange	163-705-01	10 pieces
maxi	green	163-706-01	10 pieces
maxi	black	163-707-01	10 pieces
maxi	white flecked	163-708-01	10 pieces
maxi	purple	163-709-01	10 pieces



Appliance container, magnum

The magnum version is especially suitable for extremely large appliances

(e.g. Fraenkel appliances, orthodontic appliances for adult treatment, or dentures).

Material: Plastic (dimensionally stable and impact resistant)

Dimensions (W x H x D): 6.80 x 4.70 x 7.80 cm

Size	Color	REF	Quantity
magnum	pearl blue	163-802-01	10 pieces
magnum	pink	163-803-01	10 pieces

Appliance container, "football"

Universal size for removable upper appliances, bimaxillary appliances and function regulators incl. snap hook.

Material: Plastic (dimensionally stable and impact resistant)

Color	REF	Quantity
black-white	163-805-01	10 pieces



Snap hook

For attaching the appliance container to a belt loop.

REF 163-801-00	10 pieces
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Cord with safety lock

For appliance containers, printed with "Dentaurum".

Color	REF	Quantity
a variety of colors	163-807-00	25 pieces

